

MICROBIOLOGY - I YEAR - II SEMESTER

IMPORTANT QUESTIONS - for Sem-II Students (I Year)

Subject: MICROBIOLOGY.

Unit-I : BIOLOGY of MICROORGANISM:-

Long Answer Questions:-

- ① Differences between Prokaryotes and Eukaryotes. (or) (5M)
- ② Give the classification of living organisms in the living world. (Haeckel, Whittaker, Carl Woese classification) (or) (5M)
- ③ General characteristics of Cyanobacteria. (or) (5M)
- ④ General characteristics of Mycoplasma. (or) (5M)

Short Answer Questions:-

1. Pickettsia.
2. Actinomyces.
3. Archaeobacteria.
4. Bacteria.
5. Haeckel classification
6. Whittaker classification
7. Carl Woese classification
8. Mycoplasma.
9. Bergey's manual of systematic bacteriology.

UNIT-II : STRUCTURE OF MICROORGANISMS:-

Long Answer Questions:-

- ① Ultrastructure of bacterial cell. (or) Short. Q
- ② Structure and multiplication of λ -bacteriophage. (or) Short. Q
- ③ General character & classification of Virus (or) Short. Q
- ④ General character of eukaryotes & its classification (or) Short. Q.
- ⑤ Structure of TMV & HIV. (or) S. Q.

Short Answer Questions:-

1. Capsule
2. Flagella.
3. Storage granules.
4. Endospores.
5. Cell wall.
6. Peptidoglycan
7. Plasma membrane
8. Ribosomes
9. Plasmids.
10. TMV
11. HIV
12. Smith's classification
13. Fritsch "
14. West's classification
15. Moulds & Yeast
16. Microalgae
17. Protozoa.
18. Diatoms.

